READING CHAPTER 5 – ANSWER QUESTIONS

1. What is Boolean? Write down 3 different expression that results a Boolean type (i.e. 5 == 6)

A Boolean value is either true or false.

A Boolean expression is an expression that evaluates to produce a result which is a Boolean value.

3 different expression that results a Boolean type:

>>> 21 == 2020 – 1999

True

>>> 1 == 3

False

>>> a = meo

>>> a + ‘dien’ == ‘meodien’

True

1. What is a flow chart? Draw flow chart for the following code snippet: (you can draw on a paper, take a picture of it)

if name == “Anh Quan":

print(“Hand some")

elif name == “Minh Duc":

even\_more\_handsome = True

else:

webbrowser.open(“https://www.youtube.com/watch?v=04854XqcfCY”)

False

Open web: https://www.youtube.com/watch?v=04854XqcfCY

False

True

Minh Duc

True

Handsome

Name == ‘Minh Duc’

Name == ‘Anh Quan’

1. What is nested conditionals? Write a piece of code that uses nested conditionals

Nested conditionals mean a conditional statement inside a branch of another conditional statement.

Example:

‘a = input(‘enter number’)

‘b = input(‘enter number’)

if a < b:

print(‘a is younger than b’)

else:

if a > b:

print(‘a is older than b’)

else:

print(‘a and b is at the same age’)